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TITLE: ACTIVE MATRIX TYPE LIQUID CRYSTAL DISPLAY
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ABSTRACT:

PURPOSE: To make an allowance in aligning precision when a liquid crystal display device is built up into a television, a video movie, a projector, etc., to simplify the packaging and to reduce a cost by forming the parting of the peripheral part of an image display region on a TFT substrate.

CONSTITUTION: By forming a light shielding layer 1 on the peripheral part of the pixel region on the substrate side of a TFT (thin film transistor) in an active matrix type liquid crystal display, a parting is formed on the peripheral part of an image display region and the image display region is defined. The active matrix type liquid crystal display also incorporates a

driver for driving data line and a driver for driving gate line on the same substrate as that of the pixel. The data line transmits successively a video signal fetched into a sample holder to a pixel, a scanning signal is imparted to the gate line and a TFT 2 turned on by the scanning signal writes a video signal fetched into the data line in a liquid crystal cell 3. This liquid crystal is used as a dynamic memory.

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